

Amendments to the Claims:

Please amend the claims as follows.

1.-10. (canceled)

11. (currently amended) A web server for controlling an automation device, comprising:

a processor;

a standard operating system that executes on the processor;

a real-time operating system that executes on the processor;

a first software module that provides a web page and that executes on the processor via the standard operating system;

a second software module for XML parsing that executes on the processor via the standard operating system;

a third software module providing an automation functionality to control the automation device and having an interface to the real-time operating system, the functionality including ability to execute control tasks which would otherwise be executed by standalone stored program controls, wherein the functionality of the third module, including execution of the control tasks, is loaded, configured, started and terminated by the web server; and

an application programming interface; and

a connection to the Internet for access to at least one of the software modules via the application programming interface.

12. (canceled)

13. (canceled)

14. (previously presented) The web server according to Claim 11, wherein internet protocols are provided for communication between the software modules themselves and for communication between the software modules and components outside the web server.

15. (canceled)

16. (previously presented) The web server according to Claim 11, wherein the web server is adapted to configure and administrate the software modules.

17. (canceled)

18. (canceled)

19. (canceled)

20. (previously presented) The web server according to Claim 11, wherein the automation device is a computer numerical controlled machine.

21. (previously presented) The web server according to Claim 11, wherein the automation device is a drive.

22. (previously presented) The web server according to Claim 11, wherein the automation device is a valve.

23. (previously presented) The web server according to Claim 11, wherein the web server comprises a connection to the Internet using a firewall.

24. (canceled)

25. (canceled)

26. (canceled)

27. (canceled)

28. (canceled)

29. (canceled)

30. (canceled)

31. (previously presented) An automation system that controls an automation device via the Internet, comprising:

a first web server, comprising:

an application programming interface,

a software module for providing an automation functionality to control the automation device via the application programming interface and to directly access a transport layer, and

a first connection to the Internet via the transport layer, the connection for access to the software module by a client via the application programming interface;

a second connection to the Internet via the transport layer directly accessible by the industrial automation system,

wherein the automation device is directly accessible from the Internet via the first connection, and

wherein the automation device is accessible from the transport layer via the second connection.

32. (previously presented) The web server according to Claim 31, wherein the industrial automation device is a computer numerical controlled machine.

33. (previously presented) The web server according to Claim 31, wherein the industrial automation device is a drive.

34. (new) The web server according to claim 14 further configured to directly access a transport layer and effect a direct connection between a first protocol stack connected to the third software module in the web server and a second protocol stack to which a fourth software module is connected for control of a second automation device, the direct connection effecting direct communication between the third software module and the second software module.

35. (new) The web server of claim 34 wherein the second protocol stack and the fourth software module are integrated in a second web server so that access between the first and second protocol stacks can be effected via the Internet and via the direct connection.